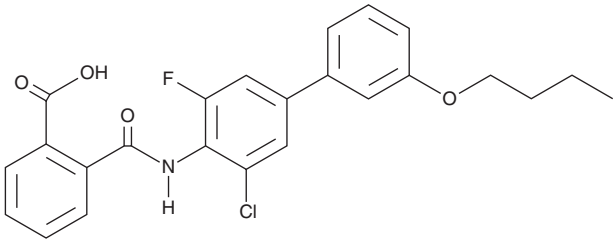
PRODUCT INFORMATION

DHODH-IN-23

Item No. 46482

CAS Registry No.: 1346705-53-0
Formal Name: 2-[[(3′-butoxy-3-chloro-5-fluoro[1,1′-biphenyl]-4-yl)amino]carbonyl]-benzoic acid
Synonyms: DHODH Inhibitor 23, Dihydroorotate Dehydrogenase-IN-23, Dihydroorotate Dehydrogenase Inhibitor 23
MF: $C_{24}H_{21}ClFNO_4$
FW: 441.9
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

DHODH-IN-23 is supplied as a solid. A stock solution may be made by dissolving the DHODH-IN-23 in the solvent of choice, which should be purged with an inert gas. DHODH-IN-23 is soluble (≥10 mg/ml) in ethanol and DMSO.

Description

DHODH-IN-23 is an inhibitor of dihydroorotate dehydrogenase (DHODH; IC_{50} = 7.93 nM).[1] It inhibits phytohemagglutinin-induced proliferation of human peripheral blood mononuclear cells (PBMCs) by >70% at 10 µM.

Reference

1. Muthuppalaniappan, M., Bhavar, P.K., Viswanadha, S., *et al.* Novel immunomodulator and anti inflammatory compounds. *Incozen Therapeutics Pvt. Ltd.* **WO2011138665A1,** (2011).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM